

In the Claims:

Cancel Claims 2, 3, 33, 35 and 43-58, and amend Claims 1, 32, 34, 36 and 42, and add Claims 59-61.

1. (Currently amended). A microtitration plate, comprising

< multiplicity of holes ~~(6)~~ (2'), and

< a multiplicity of vessels (3) made of a second plastic suited for the PCR and/or exhibiting permeability to oxygen, which are fixedly connected to the plate (4) by directly molding them to the holes (6), have a receiving portion (9, 10, 11) protruding from ~~the~~ an underside (8) of the plate (4), and are accessible from ~~the~~ an upper surface (7) of the plate through apertures (15), wherein the vessels (3) are positively connected to the plate (4) at least on one side of the upper surface and the underside (7, 8) thereof by at least one of being molded to the holes (2') having a variable cross-section in an axial direction and by being molded to the marginal areas of the holes (2').

2-30. (Cancelled).

31. (Previously presented). The microtitration plate according to Claim 1, wherein the vessels (3) have a wall portion (10) of a very small wall thickness adjacent to a vessel bottom (9) and have an upper wall portion (12) connected to the plate (4).

32. (Previously presented). The microtitration plate according to Claim 1, wherein the vessels (3) are of a wall thickness of from about 0.05 to 0.25 mm at least in one wall portion (10).

33. Cancelled.

34. (Currently amended). The microtitration plate according to Claim 1, wherein the vessels (3) have at least one of a substantially cup-shaped bottom (9) ~~and/or~~ and [or] wall portions (10) of a small wall thickness which are at least one of substantially conical ~~and/or~~, in a wall portion (11) adjoining ~~[[it]]~~ the bottom, are of a wall thickness which gradually increases upwardly.

35. (Cancelled)

36. (Previously presented). The microtitration plate according to Claim 1, wherein the frame (2) has a bordering (5) protruding from the underside (8) thereof at the edge of the plate (4).

37. (Currently amended). The microtitration plate according to Claim 1, wherein the frame (2) has several edge-~~sided~~ side molding points.

38. (Previously presented). The microtitration plate according to Claim 1, wherein the frame (2) is made of an amorphous plastic or a partially crystalline, heavily filled plastic.

39. (Previously amended). The microtitration plate according to Claim 1, wherein the frame (2) is made of polycarbonate.

40. (Previously amended). The microtitration plate according to Claim 1, wherein the vessels (3) are made of at least one of a soft plastic and/or partially crystalline plastic.

41. (Previously presented). The microtitration plate according to Claim 1, wherein the vessels are made of polypropylene or silicone.

42. (Currently amended). The microtitration plate according to Claim 1, wherein the vessels (3) are made of LSR.

43-58. (Cancelled).

59. (New). A microtitration plate, comprising

< a frame (2) made of a stiff first plastic which has a plate (4) with a multiplicity of holes (2'), and

< a multiplicity of vessels (3) made of a second plastic suited for the PCR and/or exhibiting permeability to oxygen, which are fixedly connected to the plate (4) by directly molding them to the holes (6), have a receiving portion (9, 10, 11) protruding from an underside (8) of the plate (4), and are accessible from an upper surface (7) of the plate through apertures (15), wherein the vessels (3) have a collar of an increased wall thickness at an upper wall portion (12) connected to the plate (4).

60. (New). A microtitration plate, comprising

- < a frame (2) made of a still first plastic which has a plate (4) with a multiplicity of holes (2'), and
- < a multiplicity of vessels (3) made of a second plastic suited for the PCR and/or exhibiting permeability to oxygen, which are fixedly connected to the plate (4) by directly molding them to the holes (2'), have a receiving portion (9, 10, 11) protruding from an underside (8) of the plate (4), and are accessible from an upper surface (7) of the plate through apertures (15), wherein bottoms (9) of the vessels (3) have each at least one molding point.

61. (New). The microtitration plate according to Claim 60, wherein the vessels (3) are connected to the plate (4) by at least one of frictionally and being molded thereto.